THE DIRECTOR OF THE DIVISION OF STATE LANDS TOOK FORMAL ACTION ON OCTOBER 1, 1979 AT 10:00 A.M. IN THE STATE LAND OFFICE, ROOM 411, EMPIRE BUILDING, 231 EAST 400 SOUTH, SALT LAKE CITY, UTAH 84111, ON THE BELOW LISTED MINERAL AND SURFACE BUSINESS MATTERS AS INDICATED.

MINERAL LEASE APPLICATIONS

Bountiful, UT 84010

OIL, GAS AND HYDROCARBON LEASE APPLICATIONS - APPROVED

Upon recommendation of Mr. Blake, the Director approved the Oil, Gas and Hydrocarbon lease applications listed below at a rental of \$1.00 per acre per annum; royalty as provided in the lease form approved by the Board of State Lands. The applications have been checked by the Mineral Division and found to be in order. The land status has been examined and the lands found to be open and available.

T13S, R4W, SLM Section 32: SW4NE4, W2SE4 Mineral Lease Appli. No. 37258 Juab Milan S. Papulak 281 East 2050 South 120.00 acres Bountiful, UT 84010 T1S, R23E, SLM Section 16: S12, S12N12 Mineral Lease Appl. No. 37259 Uintah Alma Sachs 2508 Robidoux Rd. 480.00 acres Sandy, UT 84070 T2N, R3W, SLM Section 6: Bed of GSL Section 20: Bed of GSL Mineral Lease Appl. No. 37260 Davis Milan S. Papulak 281 East 2050 South

METALLIFEROUS MINERAL LEASE APPLICATIONS - APPROVED



121.99

T3N, R3W, SLM Section 34: Bed of GSL

Upon recommendation of Mr. Blake, the Director approved the Metalliferous Mineral Lease Application listed below at a rental of \$1.00 per acre per annum; royalty as provided in the lease form approved by the Board of State Lands. The applicationa has been checked by the Mineral Division and found to be in order. The lands status has been examined and the lands found to be open and available.

Mineral Lease Appl. No. 37263 $\overline{\text{T10S}}$, R12W, SLM Tooele Cosetta Castagno Section 16: SE4 P.O. Box 39 $\overline{\text{Vernon}}$, UT 84080

OCTOBER 1, 1979

MINERAL LEASE ASSIGNMENTS

TOTAL ASSIGNMENTS - OIL, GAS AND HYDROCARBON LEASES

Upon recommendation of Mr. Prince, the Director approved the assignment of the Oil, Gas and Hydrocarbon leasea to Western Aenue Properties, 10801 Dale Street, Stanton, Calif 90609 by Al T. Hays, who reserves 1% overriding royalty. The State assumes no responsibility in collecting or distributing overriding royalty.

LEASE OWNERSHIP: AT T. Hays

ML 36157 All in the Bed of the Colorado River

T25S, R21E: Sec 31; T26S, R20E: Secs 1, 12;

T26S, R21E, Secs 5,6,8,15,16, 404.64 acres

04.64 acres Grand

TOTAL ASSIGNMENTS - OIL, GAS AND HYDROCARBON LEASES CONTINUED

Upon recommendation of Mr. Prince, the Director approved the assignment of the Oil, Gas and Hydrocarbon lease listed below to Cities Service Company, P.O.Box 300, Tulsa, OK 74102 by Dale E. Armstrong, who reserves 2% overriding royalty and subject to 3% previously reserved overriding royalty. The State assumes no responsibility in collecting or distributing overriding royalty.

LEASE OWNERSHIP: Dale E. Armstrong

ML 31421 T2N, R3E, Sec 4: Lots 1,2,3,4,5,6,7,10,11,20, SE¹/₄

460.04 acres Summit

Upon recommendation of Mr. Prince, the Director approved the assignment of the Oil, Gas and Hydrocarbon leases listed below to Cities Service Company, P.O. Box 300, Tulsa, OK 74102 by Kenneth F Cummings, who reserves 3% overriding royalty. The State assumes no responsibility in collecting or distributing overriding royalty.

LEASE OWNERSHIP: Kenneth F. Cummings

ML 36302 ML 36303 ML 36306	T29S, R7W, Sec 23: Part of the NE ¹ / ₄ NW ¹ / ₄ 32.00 acres Beaver T12S, R4W, Secs 2,16,32,36: All 2609.28 acres Juab T43S, R16W, Sec 13: S ¹ / ₂ SE ¹ / ₄ , Lot 5, Part of the SE ¹ / ₄ NW ¹ / ₄ , Sec 14: Lot 7; Sec 15: N ¹ / ₂ , N ¹ / ₂ SW ¹ / ₄ , SW ¹ / ₄ SW ¹ / ₄ ; Sec 16: All Sec 22: E ¹ / ₂ SE ¹ / ₄ , Sec 23: S ¹ / ₂ NW ¹ / ₄ , E ¹ / ₂ ; Sec 24: W ¹ / ₂ W ¹ / ₂
ML 36307 ML 36308	Sec 25: W=W=2, E=SW=4, W=2SE=4, 2207.01 acres Washington T43S, R16W, Secs 26, 32, 35, 36: All, 1786.18 acres Washington T42S, R14W, Sec 1: Lots 1,2,8,9,SE=4NE=4,NE=4SE=4; Sec 12: N=NE=4,SW=4NE=4, SE=4NW=4, SW=4SE=4;
ML 36309	Sec 13: NE¼, 579.49 acres Washington T42S, R15W, Sec 3, 4: All, Sec 5: N½, SE¼, Sec 6: NE¼, W½SE¼, Sec 7: E½, Sec 14: NE¼NE¼, Sec 19: N½SE¼, 2478.50 acres Washington
ML 36310	T42S, R15W, Sec 8, 9: All, Sec 17: Lots 1,2,3,4,5,6, 8,11,12,15,16; Sec 18: Lots 5,6,7,8,9,10,11,12,13,14, SE ¹ / ₄ SW ¹ / ₄ ,SW ¹ / ₄ SE ¹ / ₄
ML 36311 ML 36312	T42S, R16W, Sec 32: W½, W½E½, SE¼NE¼, E½SE¼,600.00 Washington T43S, R16W, Sec 2: Lots 4,5,6,7,10,11,12,13,14,15; Sec 3: All; Sec 4: S½NE¼, SE¼, Sec 10: All Sec 11: N½NE¼, NW¼, W½SW¼,SE¼, less 10 acres sold, Sec 12: Lot 3, N½NW¼, Sec 14: All of Lot 23 of Nephi R. Fawcett's Entry and Survey of the S½NE¼, NW¼NE¼, SE¼NW¼, of said section, containing 37.50 acres, m/l; also, W½NE⅙NE⅙, (containing 20 acres) 2551.45 acres Washington

OCTOBER 1, 1979

TOTAL ASSIGNMENTS - OIL, GAS AND HYDROCARBON LEASES CONTINUED

Upon recommendation of Mr. Prince, the Director approved the assignment of the Oil, Gas and Hydrocarbon lease listed below to U-Sumac Corporation, 264 E. 9800 So. Sandy, UT by Jeffrey L. Sachs. No override.

LEASE OWNERSHIP Jeffrey L. Sachs

ML 37254 T41S, R9W, Sec 22: NE¹/₄NE¹/₄, Sec 23: NE¹/₄NE¹/₄, 80.00 acres Kane

Upon recommendation of Mr. Prince, the Director approved the assignment of the Oil, Gas and Hydrocarbon leases listed below to Texas International Petroleum Corporation, Suite 300, 3535 Northwest Fifty-Eighth Street, Oklahoma City, OK 73112 by SonJa V. McCormick. No override.

LEASE OWNERSHIP: SonJa V. McCormick

M1 36083 T5S, R24E, Sec 36: Lots 1,2,3,4, N½S½, S½NE¼, 393.55 acres Uintah ML 36095 T5S, R24E, Sec 32: N½SW¼, T5S, R23E, Sec 36: All; T6S, R23E, Sec 2: All 1,230.64 acres Uintah

Upon recommendation of Mr. Prince, the Director approved the assignment of the Oil, Gas and Hydrocarbon leases listed below to Cities Service Company, P.O. Box 300, Tulsa, OK 74102 by Dorothy Jones, who reserves 3% overriding royalty. The State assumes no responsibility in collecting or distributing overriding royalty.

LEASE OWNERSHIP: Dorothy Jones.

ML 36272 T8N, R2E, Sec 4: Lots 3,4, $S_2^1NW_4$, Sec 6: Lots 1,2,3,4, 332.87 acres Cache, Weber ML 36275 T1ON, R3E, Sec 2: $S_2^1SW_4$ 80.00 acres Cache ML 36293 T7N, R2E, Sec 28: Lot 1 39.65 acres Weber

Upon recommendation of Mr. Prince, the Director approved the assignment of the Oil, Gas and Hydrocarbon leases listed below to Cities Service Company, P.O. Box 300, Tulsa, OK 74102 by Milan S. Papulak, who reserves 5% overriding royalty. The State assumes no responsibility in collecting or distributing overriding royalty.

LEASE OWNERSHIP: Milan S. Papulak

ML 36466 T2S, R3E, Sec 2: A11, T2S, R4E, Sec 6: Lots 6,9 903.99 acres Summit ML 36467 T2S, R4E, Sec 2: SW4NW4, N½NW4SW4, N½S½NW4SW4 70.00 acres Summit

Upon recommendation of Mr. Prince, the Director approved the assignment of the Oil, Gas and Hydrocarbon leases listed below to Standard Energy Corporation, P.O. Box 27156, Salt Lake City, Utah 84125 by Dean W. Rowell. No override.

LEASE OWNERSHIP: Dean W. Rowell

ML 34468 $T20\frac{1}{2}$ S, R13E, Sec 32,36: All 687.80 acres Emery ML 35852 T14S, R10W, Sec 2: All 640.68 acres Juab

OCTOBER 1, 1979

INTEREST ASSIGNMENTS - OIL, GAS AND HYDROCARBON LEASES

Upon recommendation of Mr. Prince, the Director approved the assignment of 50% interest in the Oil, Gas and Hydrocarbon lease listed below to Ecee Inc., 999 The Main Building, Houston, TX 77002 by Cities Service Company. No override, but subject to 5% previously reserved overriding royalty. The State assumes no responsibility in collecting or distributing overriding royalty.

LEASE OWNERSHIP: Cities Service Company

ML 31421 T2N, R3E, Sec 4: Lots 1,2,3,4,5,6,7,10,11,20,SE¹/₄
460.04 acres Summit

Upon recommendation of Mr. Prince, the Director approved the assignment of operating rights and working interests from the surface to the base of the Green River formation in the Oil, Gas and Hydrocarbon leases listed below to Gas Producing Enterprises, Inc., 9 Greenway Plaza, Houston, TX 77046 by Gilman A. Hill. No override.

LEASE OWNERSHIP: Gilman A. Hill

U-01480State	T9S, R21E, Sec 31: NE4SW4, N2SE4,	120.00 acres
U-1480-AState	T9S, R21E, Sec 31: Lot 3	50.47 acres
ML 22790	T10S, R20E, Sec 24: S ¹ ₂	320.00 acres
ML 22792	T10S, R21E, Sec 19: E ¹ / ₂	320.00 acres
ML 22793	T10S, R21E, Sec 30: Lots 1,2, E12NW14, NE14	321.80 acres
ML 22934	T9S, R21E, Sec 31: Lot 5	14.52 acres

Upon recommendation of Mr. Prince, the Director approved the assignment of a 30% interest in operating rights in all formations to a minimum depth of 5,500 feet or 200 feet into the Ismay-Desert Creek formations to Energy Reserves Group, First of Denver Plaza, Suite 3200, 633 Seventeenth St., Denver, CO 80202 by Cabot Corporation. No override.

LEASE OWNERSHIP: Cevin Co.; Cabot Corp.-- Operating rights to a depth of 5,500 ft or 200 ft into the Ismay-Desert Creek formation.

ML 29414 T22S, R14E, Sec 32: All; Sec 33: NE4SE4, 680.00 acres Emery

Upon recommendation of Mr. Prince, the Director approved the assignment of 75% interest in the Oil, Gas and Hydrocarbon lease listed below to Sun Oil Company, P.O. Box 30, Dallas, TX 75221 by R. E. Puckett, who reserves 5 3/4% overriding royalty, and $\frac{1}{4}$ of 1% previously reserved overriding royalty. The State assumes no responsibility in collecting or distributing overriding royalty.

LEASE OWNERSHIP: R. E. Puckett 75%; Dalco Oil Co. 25%

ML 28293 T21S, R14E, Sec 36: All; T22S, R14E, Sec 2: All, 1275.40 Emery

Upon recommendation of Mr. Prince, the Director approved the assignment of operating rights in all formations and zones above the base of the Green River formation to Belco Petroleum Corporation, 10000 Old Katy Road, Suite 100, Houston, TX 77055 by Charles Getzler. No override.

LEASE OWNERSHP: Gilman A. Hill

Charles Getzler -- Operating rights in all formations and zones above the base of the Green River formation.

ML	3140½ - A	T9S,	R20E,	Sec	36:	SEIANEIA,	40.00	acres	Uintah
ML	3141-A	T95,	R21E,	Sec	16:	SW4SW4	40.00	acres	Uintah
ML	3142-A	T9S,	R21E,	Sec	32:	SE4NE4	40.00	acres	Uintah
ML	3282-A	T9S,	R21E,	Sec	16:	SE4SE4	40.00	acres	Uintah
ML	12028-A	T9S,	R19E,	Sec	32:	SWI4NWI4	40.00	acres	Uintah

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TOTAL ASSIGNMENTS - METALLIFEROUS MINERALS LEASES

Upon recommendation of Mr. Prince, the Director approved the assignment of the Metalliferous Minerals leases listed below to Salt Valley Limited, P.O. Box 2183, Grand Junction, CO 81502 by W. L. Wilson. No override.

LEASE OWNERSHIP: W.L. Wilson

ML 35909 T24S, R20E, Sec 22: All; Sec 23: S_2^{1} 960.00 acres Grand ML 35910 T24S, R20E, Sec 25: SW_4 : Sec 26: All; Sec 27: E_2^{1} , $N_2^{1}NW_4$, $SE_4^{1}NW_4$, $NE_4^{1}SW_4$ 1280.00 acre Grand ML 35911 T24S, R20E, Sec 34: $N_2^{1}NE_4^{1}$, $SE_4^{1}NE_4^{1}$: Secs 35, 36: All 1400.00 acres Grand

Upon recommendation of Mr. Prince, the Director approved the assignment of the Metalliferous Minerals leases listed below to Gerald J. Dalton, 459 North 250 East, Kaysville, UT 84037 by Phelps Dodge Corporation. No override.

LEASE OWNERSHIP: Phelps Dodge Corporation

ML 33295 T14S, R14W, Sec 36: All 640.00 acres Juab ML 35526 T15S, R14W, Sec 2: All 658.08 acres Millard

REQUEST FOR EXTENSION OF DRILLING REQUIREMENT UNDER GEOTHERMAL STEAM LEASE ML 31392

Phillips Petroleum Company, lessee under the geothermal steam lease listed above, has requested a five-year extension in which to commence drilling operations under this geothermal steam lease. This lease was issued December 23, 1974, for a term of ten years. Section 10 of these lease provides as follows:

Operations on a well at an appropriate location within the leasehold estate within five (5) years from the date hereof, and to prosecute the drilling with reasonable diligence until products are discovered in sufficient commercial potential, or to a depth below which further drilling would be unprofitable in the written opinion of the Lessee issued to the Lessor. Such five (5) year period may be extended by the Lessor for a period not to exceed five (5) years upon written application by Lessee showing good cause therefor not more than ninety (90) days nor less than thirty (30) days prior to expiration of the initial five (5) year period. At any time within said five (5) year period, Lessee may surrender its rights under this lease and agreement. Lessee also shall have the right to drill such well or wells on the leasehold estate at such location or locations deemed desirable by Lessee upon thirty (30) days notice in writing, which location or locations shall not unreasonably interfere with rights of holders of lease or leases and special use permits from the State of Utah. No well shall be drilled within 100 feet of the boundary line of the leasehold nor within 100 feet of any building on the surface of the leasehold without written permission of the Lessor.

Phillips Petroleum Company, has been active in geothermal exploration in Southwestern Utah; and these lease are part of a larger block of State, Federal, and private lands being explored by Phillips Petroleum Company.

Phillips Petroleum Company, has been very diligent in conducting geothermal exploration in ML 31392. Upon recommendation of Mr. Prince, the Director approved the five-year extension of the drilling requirements as requested.

OCTOBER 1, 1979

SOPUL TOWNSHIP 4 DIVISION ORDER FOR TEXACO-TRIBAL 3-1 WELL IN SECTION 3 SOUTH, RANGE 6 WEST, USM., ALTAMONT COMMUNITICATION AGREEMENT NO. 31

Koch Exploration, Inc., operator of the above-captioned well has submitted a division order covering production from this well. This division order correctly shows the interests of the State of Utah in this well.

All royalty from this well should be credited to ML 35468.

Upon recommendation of Mr. Prince, the Director accepted this division order.

M. Pull

REQUEST FOR APPROVAL OF MIDDLE CANYON UNIT

Coseka Resources (USA) Limited, operator of the Middle Canyon Unit, has submitted this unit for approval by the State of Utah.

The Middle Canyon unit is located in the Southeast corner of the Uinta Basin. The unit area is about 50 miles south of Ouray, Utah. PR Springs are in the northwest corner of the unit. The unit area contains 24,093.70 acres of which 21,315.19 acres or 88.47 percent are Federal lands and 2,778.51 acres or 11.53 percent are State lands.

The Middle Canyon Unit agreement provides that the operator will, within six months of the effective date of the unit, commence the drilling of a well of a depth sufficient to test the top 200 feet of te Dakota formation, but not to exceed a depth of 7670 feet.

This unit is on the standard unit form and contains the necessary State lands provisions.

The approval should provide that production from the Arco State No. 2-1 well in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 2, Township 16 South Range 24 East, SLM., and from the Arco State No. 2-2 well in Lot 4 (NW $\frac{1}{4}$ NW $\frac{1}{4}$) Section 2, Township 16 South, Range 24 East, SLM., will not be considered unit production since both of these wells were drilled and completed as producing gas wells prior to the consideration of this area for unitization under this unit. These wells are on lands included in ML 22208, Tract 29.

The following are the State of Utah oil and gas leases included in his unit:

Grace Petroleum et al ML 21613 ML 21907

Atlantic Richfield Company

Atlantic Richfield Company ML 22208

ML 27721 Texaco Inc.

Pacific Transmission Supply Co., et al ML 27770

ML 27804 Pacific Transmission Supply Co., et al

Texaco Inc. and Pacific Transmission Supply Co., et al., have committed their interests to the unit. The other State lessees have not yet decided if they will join the unit. The approval should provide for their future joinder.

Upon recommendation of Mr. Prince, the Director approved this Unit.

CANCELLATION OF GRAZING LEASES KMH

GL 16877, GL 20165 GL 19865, GI 17154

Fairview Land & Livestock Inc., Mt. Pleasant, Utah has requested the cancellation of these grazing leases as of December 31, 1979. These grazing leases are to be consolidated into one lease, GLA 21423, effective

January 1, 1980. Upon recommendation of Mr. Higgins, the Director approved the cancellation of these grazing leases.

10/1/79

QV

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OCTOBER 1, 1979

GRAZING LEASE APPLICATION

KNIT

Upon recommendation of Mr. Higgins, the Director approved the grazing lease as listed below

Fairview Land & Livestock Co., Inc. 6,787.19 acres @ 8¢ per acre GLA 21423 per annum for 10 years, beginning January 1, 1980.

T27S, R18W, Secs 2,16; T25S, R18W, Secs 16,32; T25S, R19W, Sec 36; T26S, R18W, Secs 2,16,32; T26S, R19W, Secs 2, 36, 6,787.19 Beave

CANCELLATION AND REFUND ON GRAZING LEASE



GL 17145

Kenneth J. Beck submitted a request for cancellation of grazing lease No. 17145 and should have been cancelled on the February 5, 1979 Director's Minutes. This cancellation was not submitted for approval on those minutes, therefore, upon recommendation of Mr. Higgins, the Director approved the cancellation of this grazing lease effective February 5, 1979 and the refund of the 1979 rental of \$191.99.

RIGHT OF WAYS APPROVED RIGHT OF ENTRY



Sugarloafers Motorcycle Club, c/o Thayne Henrie, Delta, Utah R/W No. 1819 84624, has applied for a permit for a Right of Entry to run a motorcycle race across the following State land on October 13 and 14, 1979

T18S, R12W, Secs 32, 36; T18S, R13W, Secs 32, 36; T18S, R14W, Sec 36; T19S, R12W, Secs 2,32,36; T19S, R13W, Secs 2; T19S, R14W, Sec 2; T2OS, R12W, Sec 2 Millard County.

The fee for this Right of Entry is \$150.00, plus the \$20.00 application fee, total of \$170.00. School fund. Upon recommendation of Mr. Higgins, the Director approved this Right of Entry.

RIGHT OF ENTRY



R/W No. 1820

Geophysical Service Inc., 1170 South Main, Romanico Inn, Richfield, Utah 84701 has requested a permit to conduct a vibroseis seismic survey across State land

T29S, R1E, Sec 31; T30S, R1E, Secs 5,6,36; T30S, R2E, Sec 32; T29S, R1W, Sec 27,34, 35,36; T30S, R1W, Sec 1. Wayne and Piute Counties.

Upon recommendation of Mr. Higgins, the Director approved this Right of Entry.

EXTENSION OF THE EXPIRATION DATES ON RIGHT OF WAYS

R/W No. 1751 and 1780

Pacific West Exploration Company, P.O. Box 518, Panguitch, Utah 84759, has requested an extension of the expiration dates on these Right of Ways. R/W No. 1751 is to expire as of September 30, 1979 and R/W No. 1780 to expire as of October 31, 1979. Upon recommendation of Mr. Higgins, the Director approved the extension of these Right of Ways to December 31, 1979.

OCTOBER 1, 1979

SPECIAL USE LEASE AGREEMENT - SUBLEASE CANCELLED

Box Elder County, which holds SULA No. 362, has requested that SULA No. 362 the sublease they have with the Bureau of Indian Affairs, Intermountain Inter-tribal School, be terminated as of October 1, 1979. Upon recommendation of Mr. Wilcox, the Director approved the termination of this sublease.

RIGHT OF WAY APPLICATION RIGHT OF ENTRY - APPROVED

Utah Power & Light Company, P.O. Box 899, Salt Lake City, Utah R/W No. 1818 84110, has requested a permit for a temporary access road across State land in Emery County

T16S, R6E, Sec 36: E12SW14

The fee for this Right of Entry will be \$3.00 per rod for 140 rods, plus a \$20.00 application fee, total of \$440.00. School fund. Upon recommendation of Mr. Wilcox, the Director approved this Right of Entry with an expiration date of December 31, 1979.

CURRENT WEEK	YEAR AGO
13 1/2	8.75
10.23	7,49
10.50	7.00
	13 1/2 10.23

WILLIAM DIVISION OF STATE LANDS

RECORDS PETERSEN,

ARCHIVES APPROVAL NO. 7900209